



STIC Search Report

EIC 2800

STIC Database Tracking Number: 101140

**TO: Clayton Laballe
Location: CP4- 6D33
Art Unit : 2800
Wednesday, August 13, 2003**

Case Serial Number: 08/240798

**From: Darcy Bates
Location: EIC 2800
CP4-9C18
Phone: 306-5419**

darcy.bates@uspto.gov

Search Notes

Re: 08/240,798 US 6,076,738

Attached are search results.

**No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let
me know.**

**Thanks,
Darcy Bates**



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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us6076738/pn

** SS 3: Results 1

Search statement 4

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT
PN - US6076738 A 20000620 [US6076738]
TI - (A) Self-clocking glyph shape codes
PA - (A) XEROX CORP (US)
PAO - Xerox Corporation, Stamford CT [US]
IN - (A) BLOOMBERG DAN S (US); HECHT DAVID L (US); TOW ROBERT F (US); FLORES L PRASADAM (US)
AP - US24079894 19940510 [1994US-0240798]
FD - Cont. of US931554 19920818 [1992US-0931554] (Abandoned)
Cont. of US560514 19900731 [1990US-0560514] (Abandoned)
PR - US24079894 19940510 [1994US-0240798]
US93155492 19920818 [1992US-0931554]
US56051490 19900731 [1990US-0560514]
IC - (A) G06K-019/06
EC - G06K-007/016D
G06K-019/06C3
PCL - ORIGINAL (O) : 235494000; CROSS-REFERENCE (X) : 235456000
DT - Basic
CT - US3257545; US3654435; US3898434; US3978319; US4115806; US4286146;
US4610025; US4630308; US4728783; US4754127; US4817171; US4905296;
US4924078; US4980923; US5073954; US5091966; EP8600445; EP2179008;
JP62-140554
Mansour, M. Multi-Tiered Condensed Bar Code. IBM Technical
Disclosure Bulletin, vol. 26, No. 2, Jul. 1983, pp. 766-767.
STG - (A) United States patent
AB - This invention provides self-clocking glyph shape codes for
encoding digital data in the shapes of glyphs that are suitable
for printing on hardcopy recording media. Advantageously, the
glyphs are selected so that they tend not to degrade into each
other when they are degraded and/or distorted as a result, for
example, of being photocopied, transmitted via facsimile, and/or
scanned-in to an electronic document processing system. Moreover,
for at least some applications, the glyphs desirably are composed
of printed pixel patterns containing nearly the same number of ON
pixels and nearly the same number of OFF pixels, such that the
code that is rendered by printing such glyphs on substantially
uniformly spaced centers appears to have a generally uniform
texture. In the case of codes printed at higher spatial densities,
this texture is likely to be perceived as a generally uniform
gray tone. Binary image processing and convolution filtering

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techniques for decoding such codes also are disclosed, but this application focuses on the codes.

UP - 2000-26

1 / 1 LGST - @LEGSTAT
PN - US 6076738 [US6076738]
AP - US 240798/94 19940510 [1994US-0240798]
DT - US-P
ACT - 19940510 US/AE-A
APPLICATION DATA (PATENT)
US 240798/94 19940510 [1994US-0240798]

20000620 US/A

PATENT

UP - 2000-28

1 / 1 CRXX - @CLAIMS/RRX
AN - 3338990
PN - 6,076,738 A 20000620 [US6076738]
PA - Xerox Corp
PT - M (Mechanical)
ACT - 20020628 REASSIGNED
SECURITY INTEREST

Assignor: XEROX CORPORATION DATE SIGNED: 06/21/2002

Assignee: BANK ONE, NA, AS ADMINISTRATIVE AGENT ONE BANK ONE
PLAZA, IL 1-0631 CHICAGO ILLINOIS 60670

Reel 013153/Frame 0001

Contact: ACCESS INFORMATION SERVICES, INC. JACKIE LEE 1773
WESTERN AVENUE ALBANY, NY 12203

UP - 2003-10
URAS- 2003-03-04

Query/Command : fam us6076738/pn

1 Patent Groups
** SS 4: Results 5

Search statement 5

Query/Command : famstate nonstop

1 / 5 PLUSPAT - @QUESTEL-ORBIT
PN - CA2044404 A1 19920201 [CA2044404]
STG - (A1) Application laid open
TI - (A1) SELF-CLOCKING GLYPH SHAPE CODES
OTI - (A1) CODES EN FORME DE GLYPHES A AUTO-SYNCHRONISATION
PA - (A1) XEROX CORP (US)

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IN - (A1) FLORES L PRASADAM (US); HECHT DAVID L (US); BLOOMBERG DAN S
(US); TOW ROBERT F (US)
IC - (A1) G06F-003/12 G06F-015/62
PN2 - CA2044404 C 19980623 [CA2044404]
STG2- (C) Patent
TI2 - (C) SELF-CLOCKING GLYPH SHAPE CODES
OTI2- (C) CODES EN FORME DE GLYPHES A AUTO-SYNCHRONISATION
PA2 - (C) XEROX CORP (US)
IN2 - (C) FLORES L PRASADAM (US); HECHT DAVID L (US); BLOOMBERG DAN S
(US); TOW ROBERT F (US)
IC2 - (C) G06F-003/12
LA - ENGLISH (ENG)
AP - CA2044404 19910612 [1991CA-2044404]
PR - US56051490 19900731 [1990US-0560514]

2 / 5 PLUSPAT - @QUESTEL-ORBIT
PN - DE69130786 D1 19990304 [DE69130786]
STG - (D1) Granted EP number in bulletin
OTI - (D1) Verfahren zum Kodieren digitaler Informationen
PA - (D1) XEROX CORP (US)
IN - (D1) BLOOMBERG DAN S (US); HECHT DAVID L (US); TOW ROBERT F
(US); FLORES L PRASADAM (US)
IC - (D1) G06K-001/12
PN2 - DE69130786 T2 19990610 [DE69130786]
STG2- (T2) Trans. Of EP patent
OTI2- (T2) Verfahren zum Kodieren digitaler Informationen
PA2 - (T2) XEROX CORP (US)
IN2 - (T2) BLOOMBERG DAN S (US); HECHT DAVID L (US); TOW ROBERT F
(US); FLORES L PRASADAM (US)
IC2 - (T2) G06K-001/12
AP - DE69130786 19910730 [1991DE-6030786]
PR - US56051490 19900731 [1990US-0560514]

1 / 2 LEGALI - @LEGSTAT
PN - DE 69130786 [DE69130786]
DT - DE-P
ACTE- 19990304 DE/REF-P
CORRESPONDS TO
(EP 469864 19990304 [EP-469864])

19990610 DE/8373
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED

20000427 DE/8364 [+]
NO OPPOSITION DURING TERM OF OPPOSITION
UP - 2000-17

2 / 2 LEGALI - @LEGSTAT
PN - EP 469864 [EP-469864]
AP - EP 91306987/91 19910730 [1991EP-0306987]
DT - EP-P
ACTE- 19910730 EP/AE-A
EP-APPLICATION
EP 91306987/91 19910730 [1991EP-0306987]

19920205 EP/AK-A2 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH

REPORT:
DE FR GB

19920205 EP/A2 [+]
PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT

19920422 EP/AK-A3 [+]
DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:
DE FR GB

19920422 EP/A3 [+]
SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)

19921125 EP/17P [+]
REQUEST FOR EXAMINATION FILED
920929

19960221 EP/17Q [+]
FIRST EXAMINATION REPORT
960110

19990120 EP/AK-B1 [+]
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
DE FR GB

19990120 EP/B1 [+]
PATENT SPECIFICATION

19990304 EP/REF-P
CORRESPONDS TO:
(DE 69130786 19990304 [DE69130786])

19990514 EP/ET [+]
FR: TRANSLATION FILED

20000112 EP/26N [+]
NO OPPOSITION FILED

20000322 EP/25 [-]
LAPSED IN A CONTRACTING STATE
<DE 99.04.21>

20020101 EP/REG; GB/IF02 [+]
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
<GB>

UP - 2002-17

3 / 5 PLUSPAT - @QUESTEL-ORBIT - image
PN - EP0469864 A2 19920205 [EP-469864]
STG - (A2) Pub. Of applic. Without search report
TI - (A2) Method of encoding digital information.
OTI - (A2) Verfahren zum Kodieren digitaler Informationen.
(A2) Méthode de codage d'informations digitales.
PA - (A2) XEROX CORP (US)
IN - (A2) FLORES L PRASADAM (US); HECHT DAVID L (US); BLOOMBERG DAN S
(US); TOW ROBERT F (US)
IC - (A2) G06K-001/12
PN2 - EP0469864 A3 19920422 [EP-469864]
STG2 - (A3) Publi. Of search report
TI2 - (A3) METHOD OF ENCODING DIGITAL INFORMATION
PN3 - EP0469864 B1 19990120 [EP-469864]

STG3- (B1) Patent
TI3 - (B1) Method of encoding digital information
OTI3- (B1) Verfahren zum Kodieren digitaler Informationen
(B1) Méthode de codage d'informations digitales
PA3 - (B1) XEROX CORP (US)
IN3 - (B1) FLORES L PRASADAM (US); HECHT DAVID L (US); BLOOMBERG DAN S
(US); TOW ROBERT F (US)
IC3 - (B1) G06K-001/12
LA - ENGLISH (ENG)
AP - EP91306987 19910730 [1991EP-0306987]
PR - US56051490 19900731 [1990US-0560514]
EC - G06K-007/016D
G06K-009/18
G06K-019/06C3
DS - DE FR GB
DT - Basic

1 / 2 LEGALI - @LEGSTAT
PN - DE 69130786 [DE69130786]
DT - DE-P
ACTE- 19990304 DE/REF-P
CORRESPONDS TO
(EP 469864 19990304 [EP-469864])

19990610 DE/8373
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED

20000427 DE/8364 [+]
NO OPPOSITION DURING TERM OF OPPOSITION

UP - 2000-17

2 / 2 LEGALI - @LEGSTAT
PN - EP 469864 [EP-469864]
AP - EP 91306987/91 19910730 [1991EP-0306987]
DT - EP-P
ACTE- 19910730 EP/AE-A
EP-APPLICATION
EP 91306987/91 19910730 [1991EP-0306987]

19920205 EP/AK-A2 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH
REPORT:
DE FR GB

19920205 EP/A2 [+]
PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT

19920422 EP/AK-A3 [+]
DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:
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19920422 EP/A3 [+]
SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)

19921125 EP/17P [+]
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920929

19960221 EP/17Q [+]

FIRST EXAMINATION REPORT
960110

19990120 EP/AK-B1 [+]
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
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19990120 EP/B1 [+]
PATENT SPECIFICATION

19990304 EP/REF-P
CORRESPONDS TO:
(DE 69130786 19990304 [DE69130786])

19990514 EP/ET [+]
FR: TRANSLATION FILED

20000112 EP/26N [+]
NO OPPOSITION FILED

20000322 EP/25 [-]
LAPSED IN A CONTRACTING STATE
<DE 99.04.21>

20020101 EP/REG; GB/IF02 [+]
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
<GB>

UP - 2002-17

4 / 5 PLUSPAT - @QUESTEL-ORBIT - image
PN - JP4233683 A 19920821 [JP04233683]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) SLEF-LOCKING SYMBOL-SHAPE CODE
PA - (A) XEROX CORP
PAO - (A) XEROX CORP
IN - (A) DAN ESU BURUUMUBAAGU; DEBITSUDO ERU HEKUTO; ROBAATO EFU TOU;
ERU PURASADAMU FUROORISU
INO - (A) BLOOMBERG DAN S; HECHT DAVID L; TOW ROBERT F; FLORES L
PRASADAM
IC - (A) G06K-019/00
PN2 - JP7066429 B 19950719 [JP95066429]
STG2- (B) Publd. Examined patent applic.
PN3 - JP2036555 C 19960328 [JP2036555]
STG3- (C) Granted patent from 1000001 onwards
IC3 - (C) G06K-019/00
AP - JP18666391 19910725 [1991JP-0186663]
PR - US56051490 19900731 [1990US-0560514]

5 / 5 PLUSPAT - @QUESTEL-ORBIT
PN - US6076738 A 20000620 [US6076738]
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(US); FLORES L PRASADAM (US)
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PR - US24079894 19940510 [1994US-0240798]

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US93155492 19920818 [1992US-0931554]
US56051490 19900731 [1990US-0560514]
EC - G06K-007/016D
G06K-019/06C3
PCL - ORIGINAL (O) : 235494000; CROSS-REFERENCE (X) : 235456000
DT - Basic
UP - 2000-26

1 / 1 LEGALI - ©LEGSTAT
PN - US 6076738 [US6076738]
AP - US 240798/94 19940510 [1994US-0240798]
DT - US-P
ACTE- 19940510 US/AE-A
APPLICATION DATA (PATENT)
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20000620 US/A
PATENT
UP - 2000-28